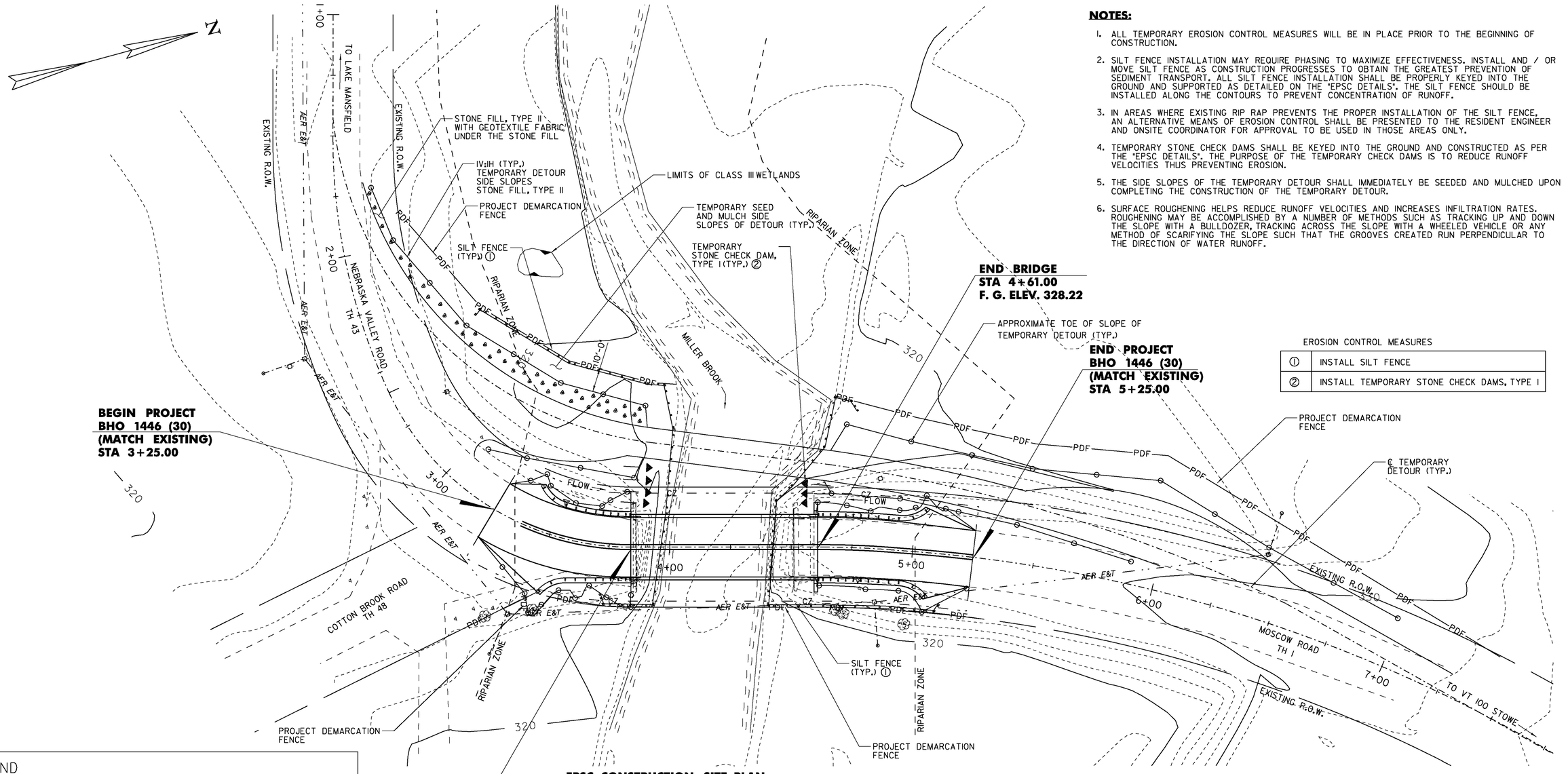


**EPSC CONSTRUCTION SITE PLAN**

SCALE 1" = 20'-0

20 0 20

## NOTES:

1. ALL TEMPORARY EROSION CONTROL MEASURES WILL BE IN PLACE PRIOR TO THE BEGINNING OF CONSTRUCTION.
2. SILT FENCE INSTALLATION MAY REQUIRE PHASING TO MAXIMIZE EFFECTIVENESS. INSTALL AND / OR MOVE SILT FENCE AS CONSTRUCTION PROGRESSES TO OBTAIN THE GREATEST PREVENTION OF SEDIMENT TRANSPORT. ALL SILT FENCE INSTALLATION SHALL BE PROPERLY KEYED INTO THE GROUND AND SUPPORTED AS DETAILED ON THE "EPSC DETAILS". THE SILT FENCE SHOULD BE INSTALLED ALONG THE CONTOURS TO PREVENT CONCENTRATION OF RUNOFF.
3. IN AREAS WHERE EXISTING RIP RAP PREVENTS THE PROPER INSTALLATION OF THE SILT FENCE, AN ALTERNATIVE MEANS OF EROSION CONTROL SHALL BE PRESENTED TO THE RESIDENT ENGINEER AND ONSITE COORDINATOR FOR APPROVAL TO BE USED IN THOSE AREAS ONLY.
4. TEMPORARY STONE CHECK DAMS SHALL BE KEYED INTO THE GROUND AND CONSTRUCTED AS PER THE "EPSC DETAILS". THE PURPOSE OF THE TEMPORARY CHECK DAMS IS TO REDUCE RUNOFF VELOCITIES THUS PREVENTING EROSION.
5. THE SIDE SLOPES OF THE TEMPORARY DETOUR SHALL IMMEDIATELY BE SEEDED AND MULCHED UPON COMPLETING THE CONSTRUCTION OF THE TEMPORARY DETOUR.
6. SURFACE ROUGHENING HELPS REDUCE RUNOFF VELOCITIES AND INCREASES INFILTRATION RATES. ROUGHENING MAY BE ACCOMPLISHED BY A NUMBER OF METHODS SUCH AS TRACKING UP AND DOWN THE SLOPE WITH A BULLDOZER, TRACKING ACROSS THE SLOPE WITH A WHEELED VEHICLE OR ANY METHOD OF SCARIFYING THE SLOPE SUCH THAT THE GROOVES CREATED RUN PERPENDICULAR TO THE DIRECTION OF WATER RUNOFF.

EROSION CONTROL MEASURES

| | |
|---|---|
| ① | INSTALL SILT FENCE |
| ② | INSTALL TEMPORARY STONE CHECK DAMS, TYPE I |

LEGEND

- STONE FILL
- SILT FENCE
- LIMITS OF SOIL DISTURBANCE
- TEMPORARY STONE CHECK DAM, TYPE I
- PDF——PDF PROJECT DEMARCATION FENCE
- RIPARIAN BUFFER ZONE

DATUM

VERTICAL ASSUMED

HORIZONTAL ASSUMED

PLOTTED 12/21/2009

**EXISTING LEGEND**

- EDGE OF RIVER
- EDGE OF ROAD
- ROW
- GUARD RAIL
- TREE LINE
- UTILITY POLE
- SIGN
- TREES

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# STATE OF VERMONT
## AGENCY OF TRANSPORTATION

| | |
|---|---|
| Town Of STOWE | Bridge No. 3 |
| Highway No. T.H. 1 | Log Sta. / Surv. Sta. |

**MOSCOW ROAD OVER MILLER BROOK**

**EPSC CONSTRUCTION SITE PLAN**

| | |
|---|---|
| Designed By R.H. BARNES | Drawn By S.J. BIJOLLE |
| Checked By E.P. DETRICK Date 5/09 | Bridge Design Supervisor J.W. TUCKER Date 5/09 |
| PROJECT STOWE | PROJECT NO. BHO 1446 (30) |
| I.G.C. Info...\DGN\z99J244ecp-propos.dgn | |
| D & K DWG NO. | Sheet 17 of 37 |